



Hunters Point Radiological Program Update

Hunters Point Naval Shipyard
BCT Meeting
July 26, 2012



Overview



Radiological Project Work Overview

- Current Project Map
- SS/SD Removal and Building Survey Update
 - Parcel C
 - Parcel E 500-Series
 - Parcel D-1
- Status of Radiological RACRs
- IR 7/18 Update

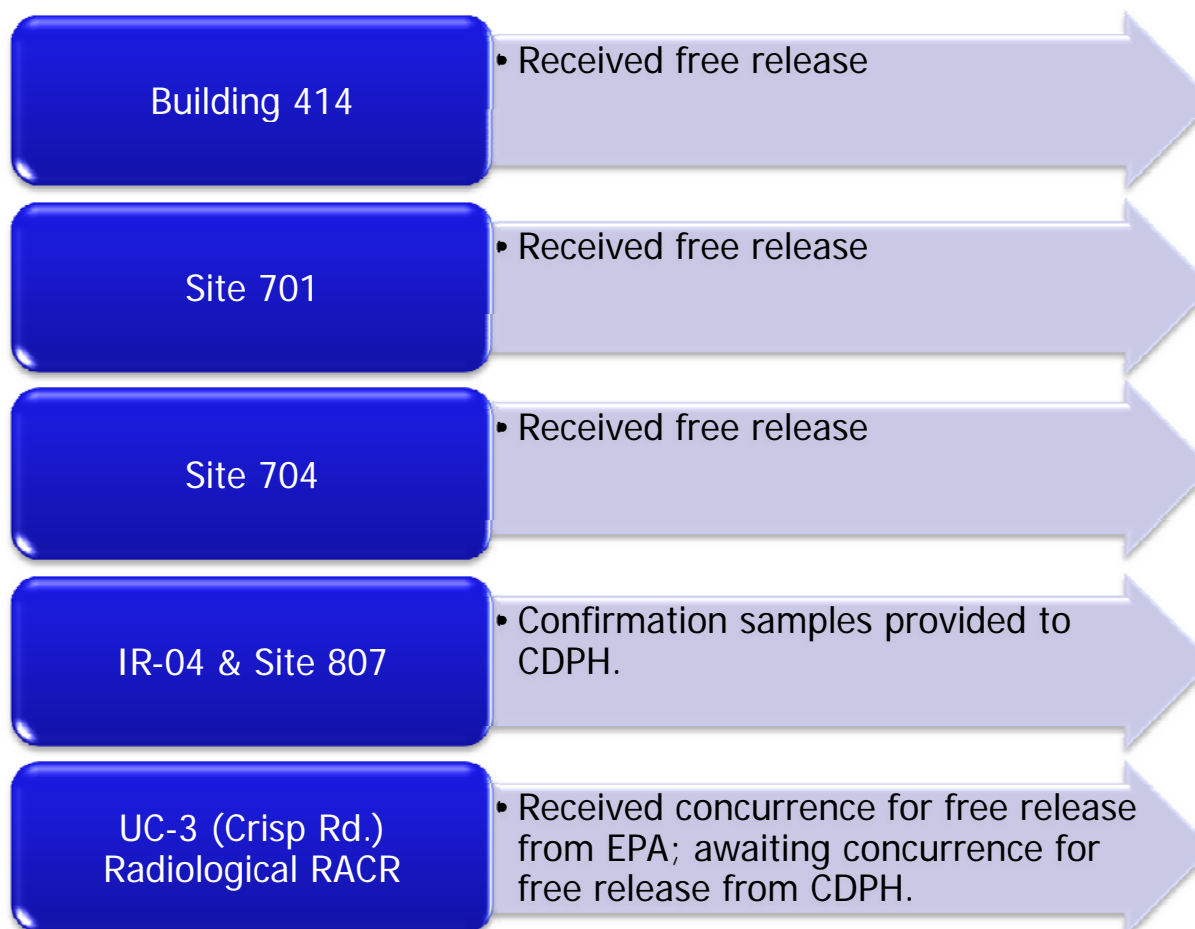


2012 Radiological Projects



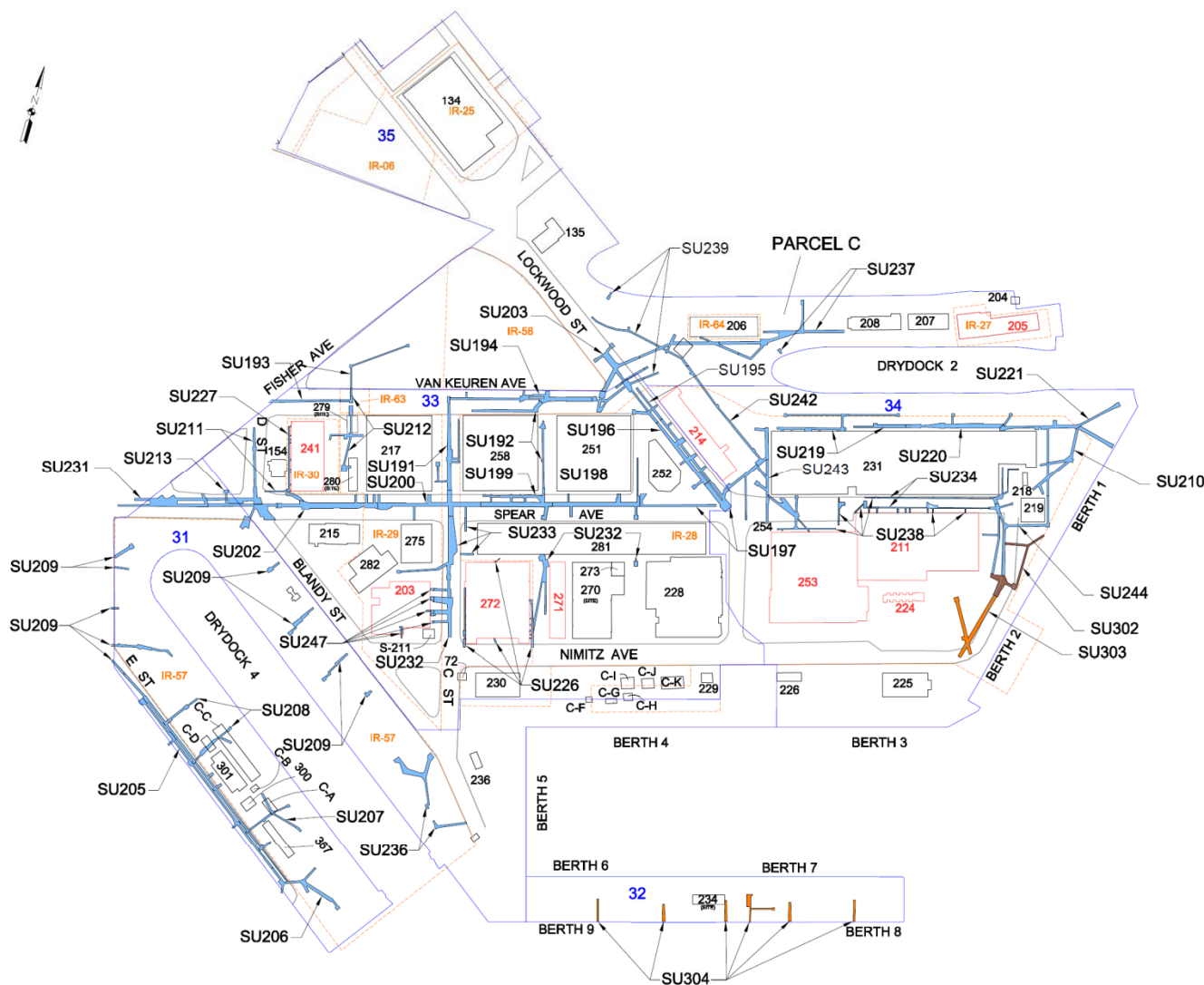


Crisp Road/Parcel E Building and Site Surveys





Parcel C Storm Drain & Sewer Removals



LEGEND

- SU 191 - SURVEY UNIT (SU)
- 34 - WORK AREA BOUNDARY AND NUMBER
- IR-27 - IR BOUNDARY AND NUMBER
- 140 - IMPACTED BUILDING BUILDING NUMBER
- 142 (SITE) - IMPACTED BUILDING FORMER BUILDING LOCATION
- 128 - NON-IMPACTED BUILDING BUILDING NUMBER
- ACTIVE TRENCH UNITS (QTY = 0)
- TRENCH UNITS THAT HAVE PASSED SYSTEMATIC SAMPLING BUT WAITING FOR OFFSITE (QTY = 2)
- TRENCH UNITS THAT HAVE PASSED OFFSITE AND SYSTEMATIC SAMPLING BUT WAITING FOR BACKFILL APPROVAL (QTY = 0)
- APPROVED FOR BACKFILL (QTY = 0)
- BACKFILLED/PAVED (QTY = 38)
- CURRENTLY BACKFILLING/SITE RESTORATION (QTY = 1)



Parcel C Storm Drain & Sewer Removals



- SS/SD line removal
 - Completed removal of the scoped 22,907 linear feet of SS/SD
 - 65% of the total 37,479 lf of Parcel C removed to date
 - 38 of 41 active Survey Units have been restored/repaved



Parcel C Building and Site Surveys



Building 214

- Received free release letter.

North Pier

- Awaiting off-site data; developing Internal Draft FSS.

Building 271

- CDPH performed confirmatory surveys on May 23.

Building 272

- CDPH performed confirmatory surveys on May 23.

Buildings 203

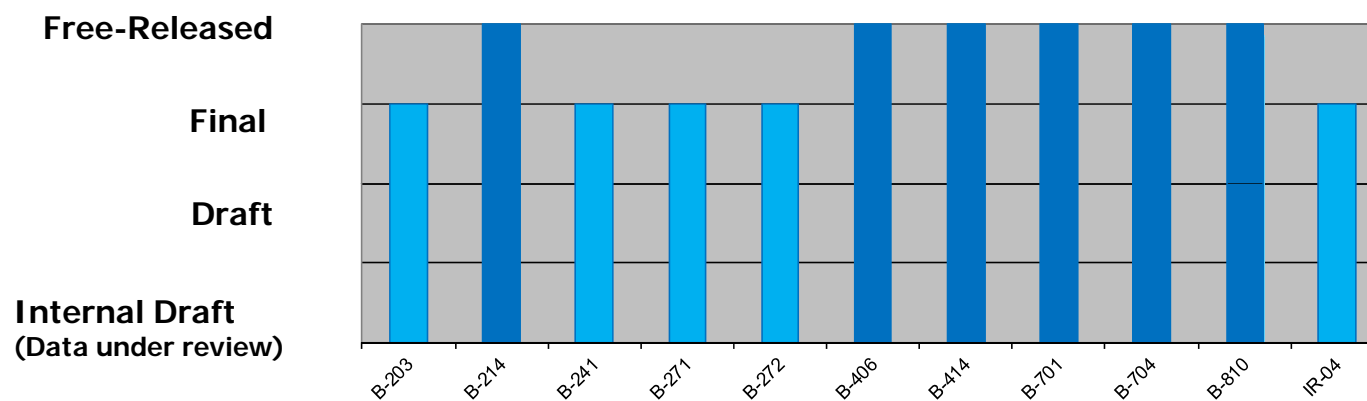
- CDPH performed confirmatory surveys on May 22.

Building 241

- CDPH performed confirmatory surveys on May 23.



Parcel C & E Buildings/Sites Status



Waiting for concurrence for
Free-Release determination



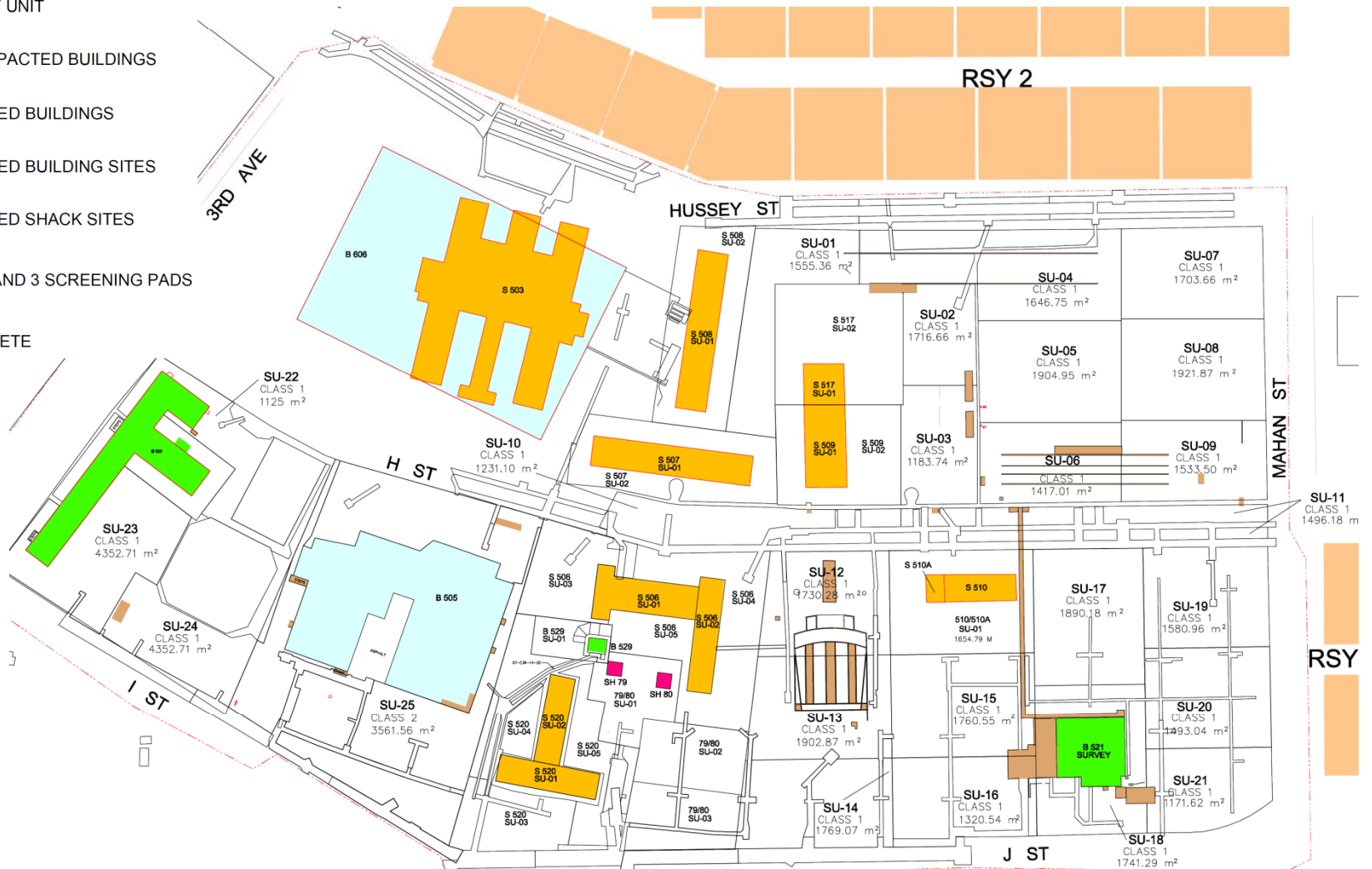


Impacted Building and Sites Within Parcel E 500 Series Area



LEGEND

- SU-01 SURVEY UNIT
- B- NON-IMPACTED BUILDINGS
- B- IMPACTED BUILDINGS
- S- IMPACTED BUILDING SITES
- S- IMPACTED SHACK SITES
- RSY 2 AND 3 SCREENING PADS
- CONCRETE





Parcel E 500 Series Building / Site Surveys



- Former Building 507, 508, 520, and Shacks 79/80 Sites:
 - Completed scanning and sampling; awaiting off-site analytical results.

- Former Building 503, 506, 517 Sites:
 - Internal Draft FSS Report

- Buildings 500, 521, and Former Building 509, 510/510A, and 529 Sites:
 - Draft FSS Report under Regulatory review.

- 500 Series Area:
 - 83% completed scanning and sampling



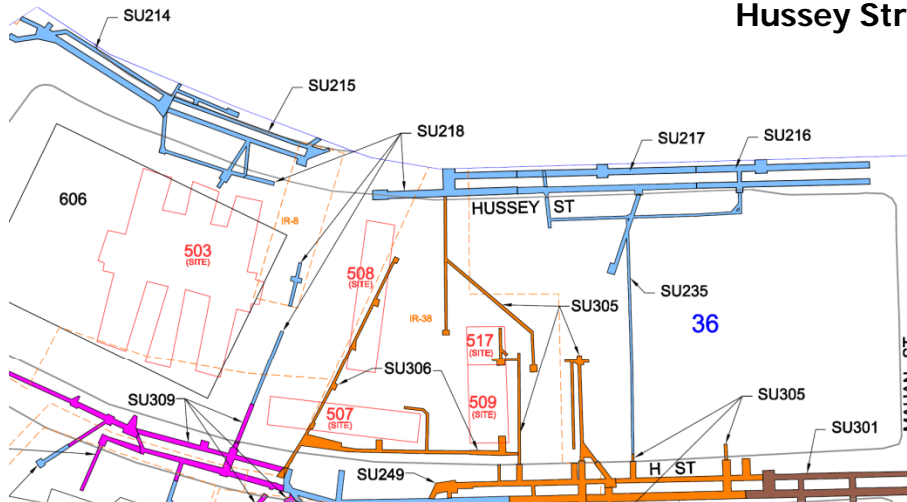
Parcel E Site Restoration Activities



Restoration at SU 301 along H Street



Installation of swales along
Hussey Street

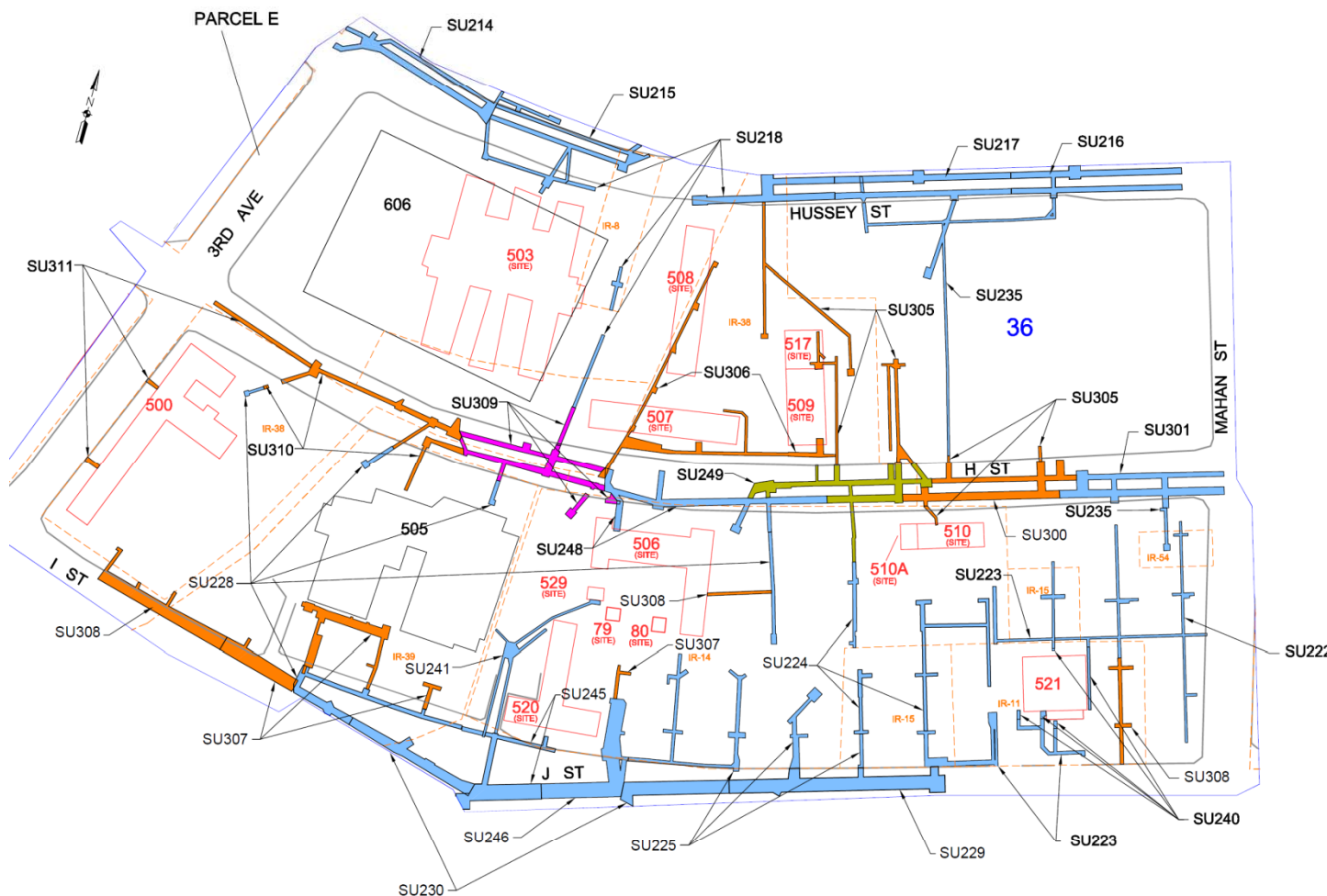


Installation of U-Channel along
Hussey Street



Parcel E

Storm Drain & Sewer Removals



LEGEND

- SU 191 - SURVEY UNIT (SU)
- 36 - WORK AREA BOUNDARY AND NUMBER
- IR-27 - IR BOUNDARY AND NUMBER
- 140 - IMPACTED BUILDING BUILDING NUMBER
- 142 - IMPACTED BUILDING FORMER BUILDING LOCATION
- 128 - NON-IMPACTED BUILDING BUILDING NUMBER
- ACTIVE SURVEY UNITS (QTY = 1)
- SURVEY UNITS THAT HAVE PASSED SYSTEMATIC SAMPLING BUT WAITING FOR OFFSITE (QTY = 7)
- SURVEY UNITS THAT HAVE PASSED OFFSITE AND SYSTEMATIC SAMPLING BUT WAITING FOR BACKFILL APPROVAL (QTY = 0)
- APPROVED FOR BACKFILL (QTY = 1)
- BACKFILLED/PAVED (QTY = 19)
- CURRENTLY BACKFILLING/PERFORMING COMPACTION (QTY = 0)



Parcel E 500 Series Storm Drain & Sewer Removals



- SS/SD line removal
 - Completed removal of scoped 16,119 linear feet of SS/SD lines in the 500 Series Area
 - 40% of the 58,000 LF of Parcel E SS/SD lines removed to date
 - 19 of 24 active survey units have been restored



Parcel D-1 Current Field Work Status



- Gun Mole Pier
 - Final Gun Mole Pier Task Specific Addendum issued. Work commenced May 2012
 - Additional work (through October 2012)
 - Subsurface vault sediment sampling; 100% complete
 - Removal of concrete pads and structures; 100% complete
 - Utility corridors; 50% complete
 - Currently reviewing sampling results. Performed remediation in two corridors. Additional sampling required in one corridor.
 - Remediation of 4 impacted SUs for cesium-137 complete. Survey and sampling completed, awaiting final sample results.
- South Pier
 - Final South Pier Task Specific Plan Addendum issued
 - Additional work started July 2012 (complete in October 2012)
 - Subsurface vault sediment sampling; 100% complete
 - Surveys of concrete walls and utility hoods; 20% complete.
 - Upon completion of concrete work, final gamma walkover data to be recollected



Parcel D-1 Current Field Work Status (cont'd)

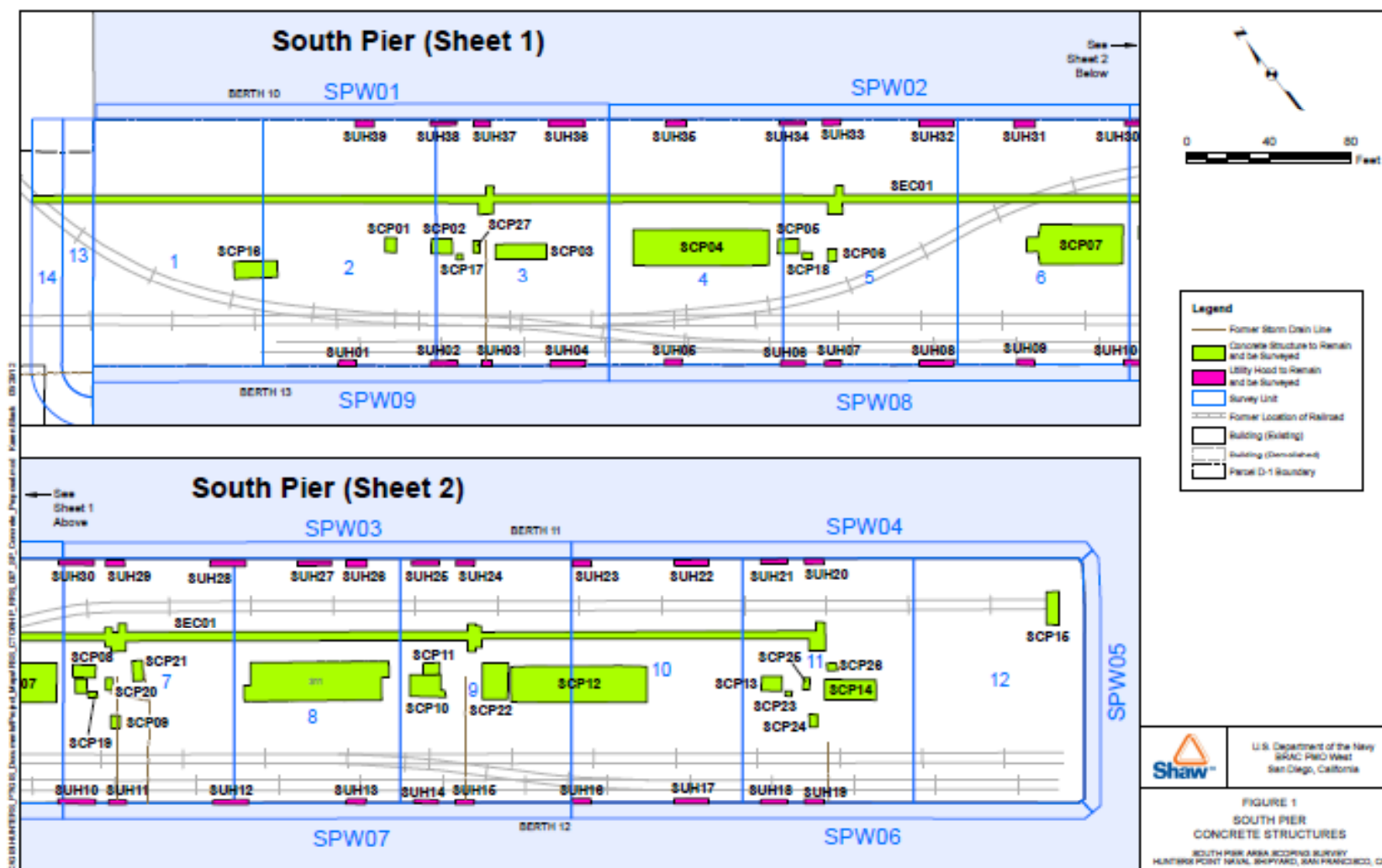


- Building 383 Area
 - Removal of concrete foundation completed. Gamma survey of exposed soil complete with no elevated readings.
- Building 313, 313A & 322 Sites - Surveyed and Sampled
 - Internal draft FSS Report in RASO review. Draft planned for July
- Building 274
 - Internal draft FSS Report in RASO review. Draft planned for July





Parcel D-1 South Pier Concrete Structures Overview





Parcel D-1 Current Field Work Status (cont'd)



- Storm Drain and Sanitary Sewer Removal
 - Field work 100% complete
 - Preparation of draft SUPR reports (Package #107)
 - Continue to prepare RTCs for SUPR Packages
 - Currently preparing response-to-comments for packages #101-106



Status of Radiological RACRs



- Final **Parcel B** Radiological RACR
 - Awaiting free release letter from CDPH
- Final **Parcel UC-3** Radiological RACR
 - Awaiting free release letter from CDPH



IR 7/18 Modeling Update



- Revised Memo and Modeling Package under CDPH-RHB review
 - Jeff Wong and Jerry Hensley currently reviewing
 - Anticipate response in mid-August



Comments, Questions, Concerns ???